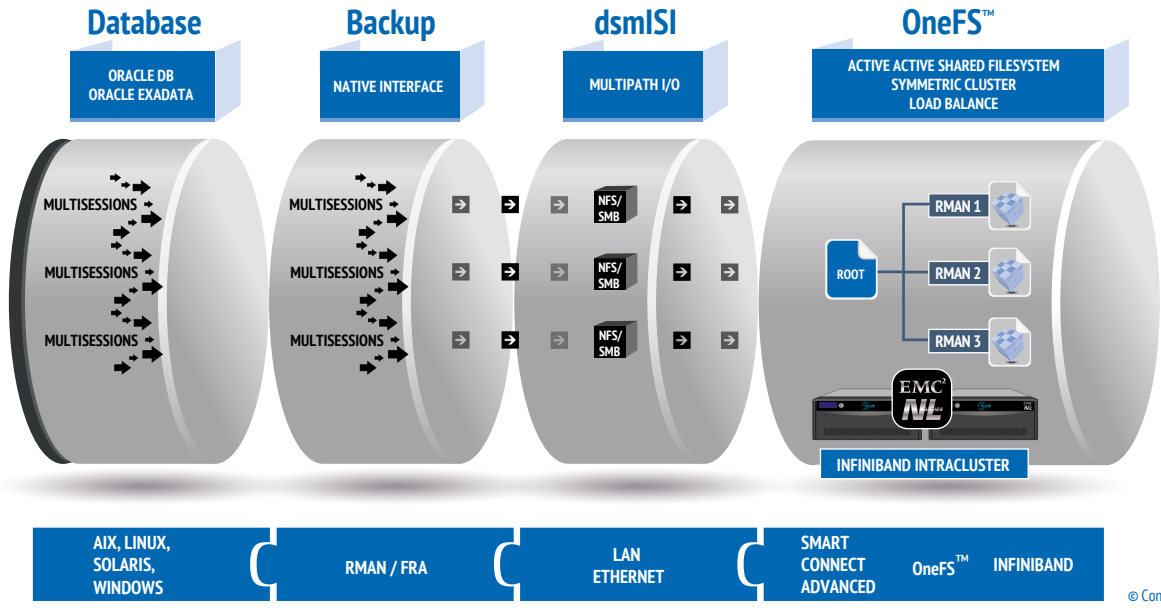


Scale out NAS
 Backup Source Dedup
 Oracle dsmISI
OneFS/Isilon
 Scale out Storage Pool
 30 Petabyte Big Data RMAN / FRA
 Mirroring



dsmlSI for Database – extremely fast and scalable Unlimited Storage for Oracle backups

Concat has enhanced its concept to integrate backup applications in a true scale-out architecture by introducing Database support. For this purpose, Concat partner General Storage has developed the dsmlSI for Database module which simplifies the integration of Oracle RMAN in scale-out storage environments with Isilon OneFS.



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Backing up Databases is an increasingly challenging prospect for many enterprise IT operations. Ever growing capacities demand increasing throughputs for backup and, especially, recovery. Most traditional, client-server based backup utilities can no longer scale high enough to fulfil

these requirements and since all of them have to integrate with a mere subset of possible functions of the data management interfaces provided by the Database (in this case Oracle RMAN), there is little to nothing these backup methods can do to mitigate the problem.

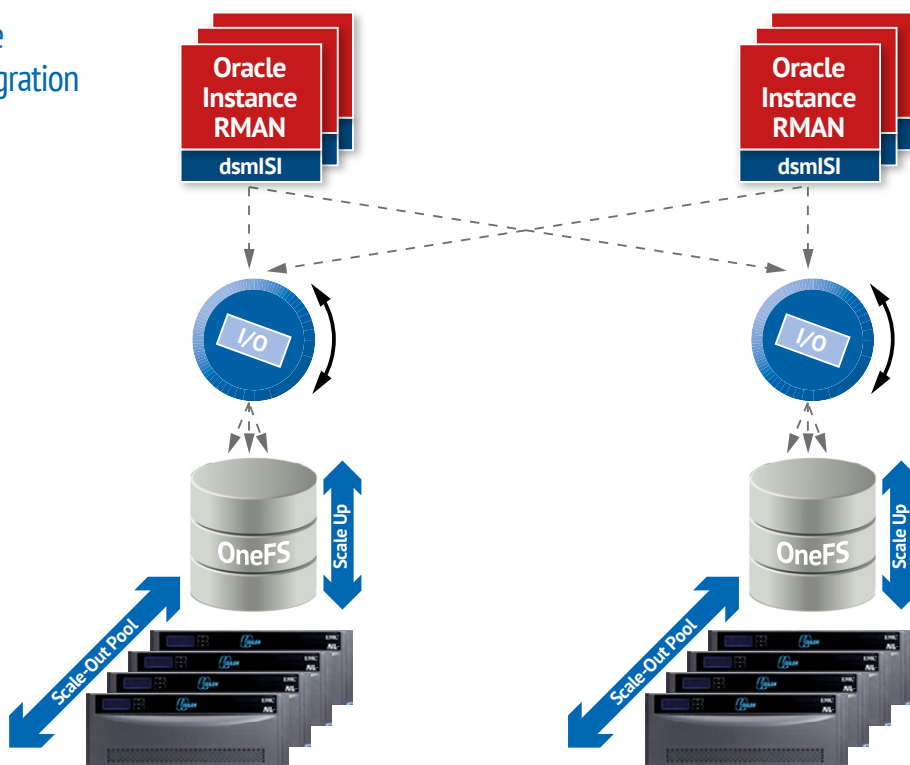
dsmlSI for Database is a very simple proposition. Rather than presenting RMAN with a complex API which eliminates some of the more useful features for fast recovery, dsmlSI simply connects to EMC's Isilon scale-out NAS solution. With dsmlSI for Database, a single command is enough to connect any Oracle Database server with its own FRA (Fast or Flash Recovery Area) and an unlimited number of channels to use for backup and restore, all of which are hosted on an EMC Isilon OneFS file system. The user doesn't have to worry about NFS mounts, load balancing or shifting capacities and bandwidth requirements because dsmlSI takes care of all that. No matter how many Oracle instances you have - backing up Databases has never been easier or faster.

dsmlSI for Database supports all RMAN/FRA options and methods on Linux, AIX, Solaris and Windows for Oracle Database and Oracle Exadata Database Machine. (IBM DB2 and MSSQL are planned)

Benefits of dsmlSI for Database (Oracle RMAN) environments:

- Practically unlimited backup storage scalability in terms of capacity and performance - by push of a button - without the need for re-configuration
- A common repository for all backups with a capacity from 256 TiB up to 47 PiB.
- Fully automatic, active-active distribution of loads on all nodes in a Isilon cluster
- Can transparently and independently be used with e.g. dsmlSI for TSM, Veeam and / or other applications
- Optional integration of dsmlSI MAGS TSM clients to migrate / copy RMAN backup data to and from TSM (Tape)

dsmlSI for Database (Oracle RMAN) integration in OneFS



Best regards

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